

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119561.D
 Acq On : 27 Mar 2020 11:22
 Operator : CG/JU
 Sample : L2034-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-008-ABCD

Quant Time: Mar 27 11:56:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

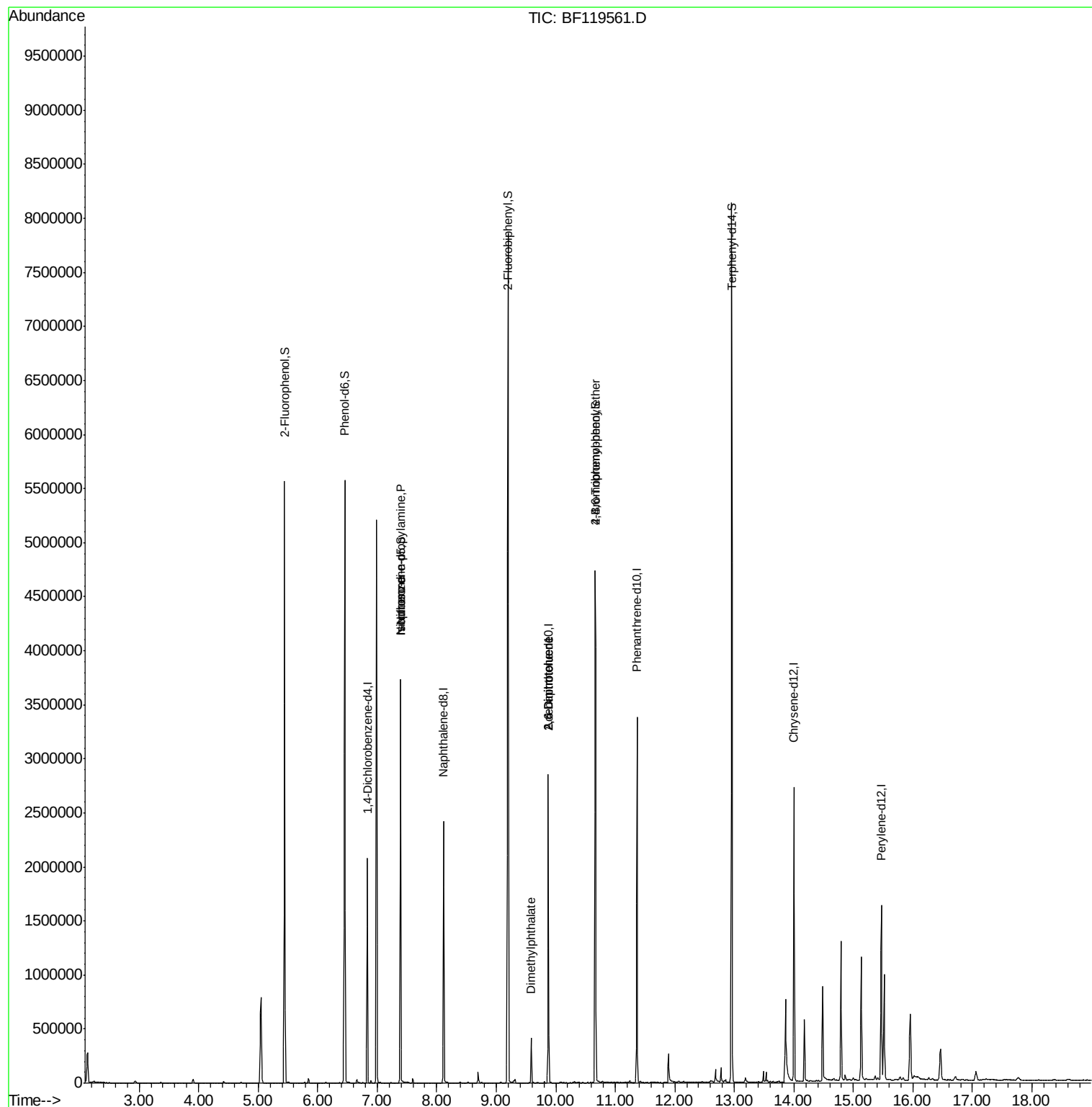
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	277852	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1069694	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	586559	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1167629	20.00	ng	0.00
76) Chrysene-d12	14.00	240	889475	20.00	ng	-0.01
87) Perylene-d12	15.47	264	734365	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1594782	91.37	ng	0.00
7) Phenol-d6	6.46	99	2020672	90.63	ng	0.00
23) Nitrobenzene-d5	7.39	82	1285375	65.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	593228	98.03	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2470879	62.41	ng	0.00
79) Terphenyl-d14	12.96	244	2998983	66.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	168165	12.513	ng	# 75
25) Isophorone	7.39	82	1277928	32.007	ng	# 65
50) Dimethylphthalate	9.59	163	160926	3.863	ng	99
51) 2,6-Dinitrotoluene	9.87	165	75688	8.475	ng	# 26
57) 2,4-Dinitrotoluene	9.87	165	75688	6.728	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	35843	2.695	ng	# 1

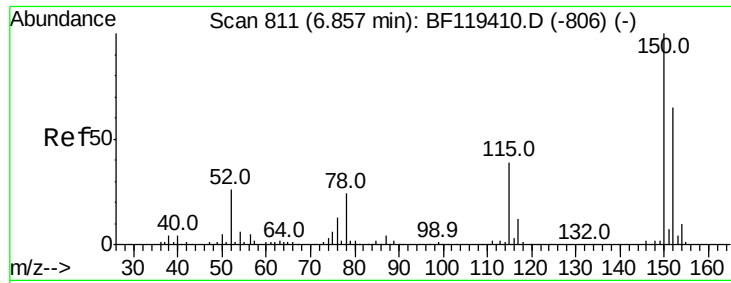
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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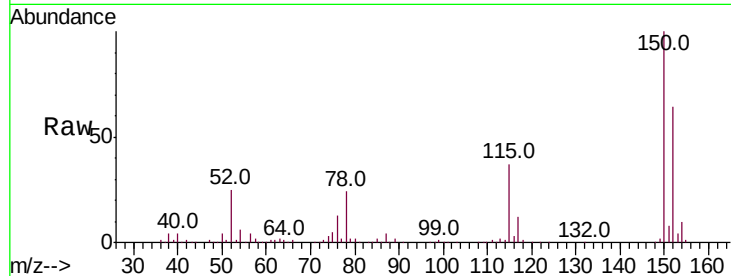


#1

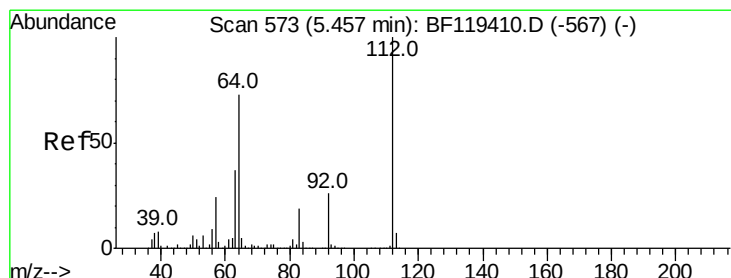
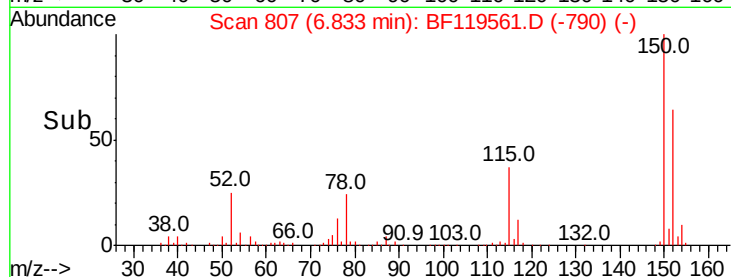
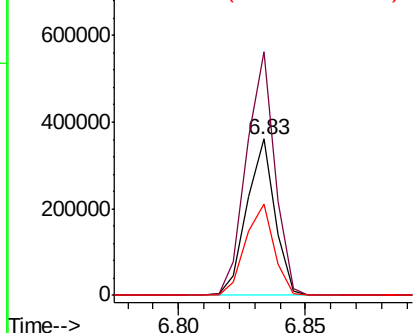
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119561.D
Acq: 27 Mar 2020 11:22

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-008-ABCD

Tot Ion:152 Resp: 277852
Ion Ratio Lower Upper
152 100
150 156.0 124.5 186.7
115 58.4 49.6 74.4



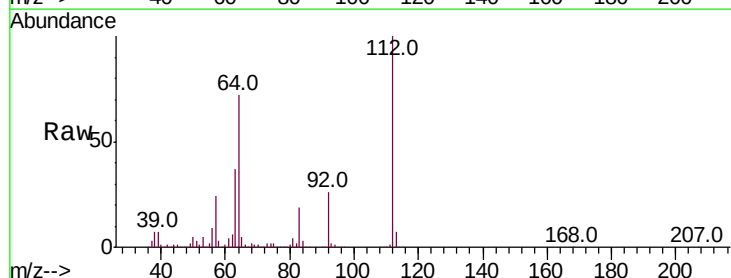
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



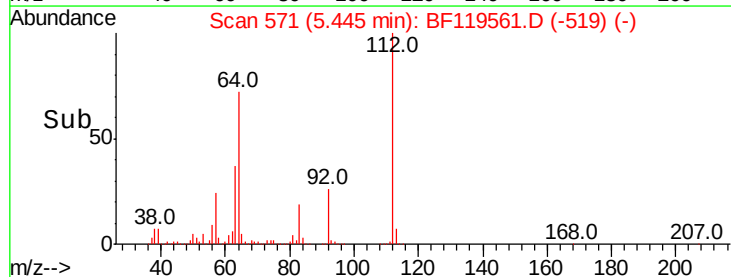
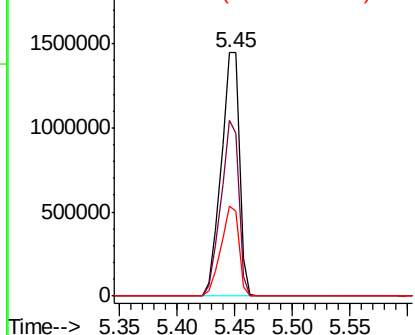
#5

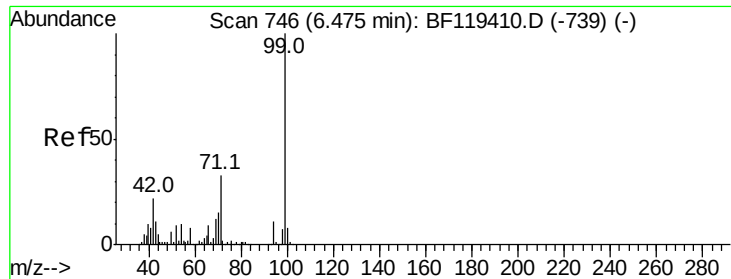
2-Fluorophenol
Concen: 91.370 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF119561.D
Acq: 27 Mar 2020 11:22

Tgt Ion:112 Resp: 1594782
Ion Ratio Lower Upper
112 100
64 72.3 56.7 85.1
63 37.1 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 90.628 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119561.D

Acq: 27 Mar 2020 11:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-008-ABCD

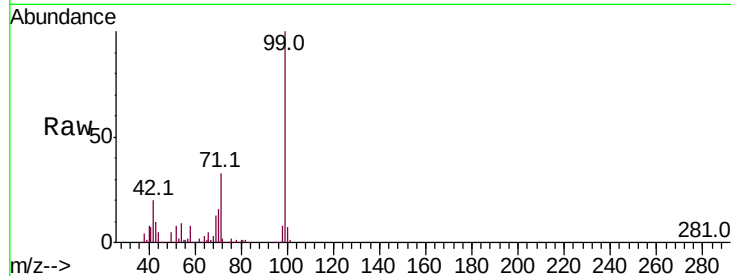
Tot Ion: 99 Resp: 2020672

Ion Ratio Lower Upper

99 100

42 20.3 16.6 24.8

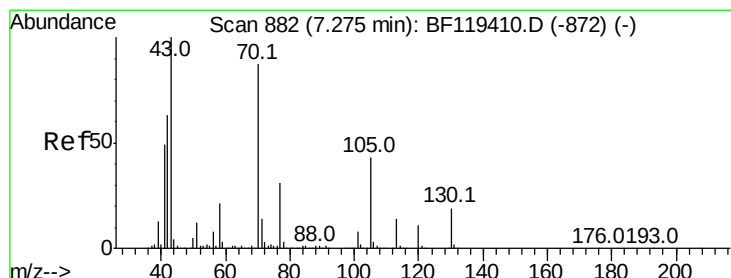
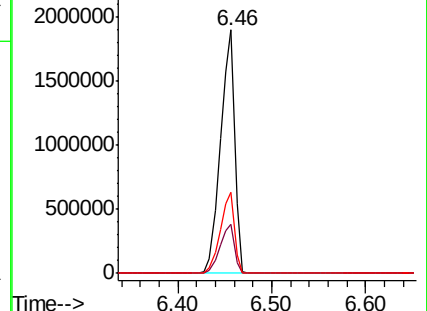
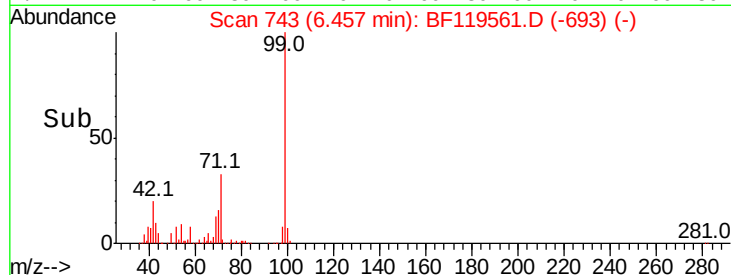
71 33.4 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.513 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119561.D

Acq: 27 Mar 2020 11:22

Tgt Ion: 70 Resp: 168165

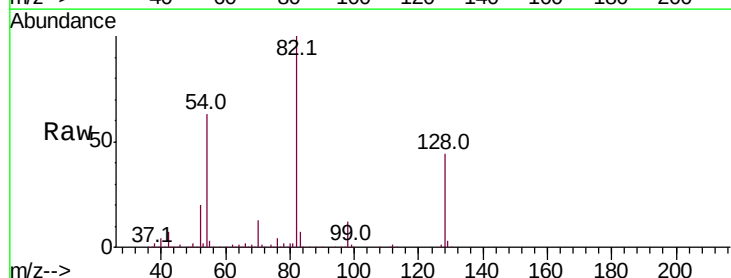
Ion Ratio Lower Upper

70 100

42 53.0 54.5 81.7#

101 0.0 7.6 11.4#

130 1.8 17.6 26.4#

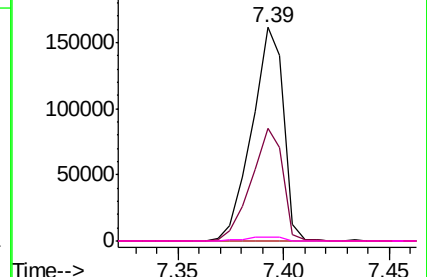
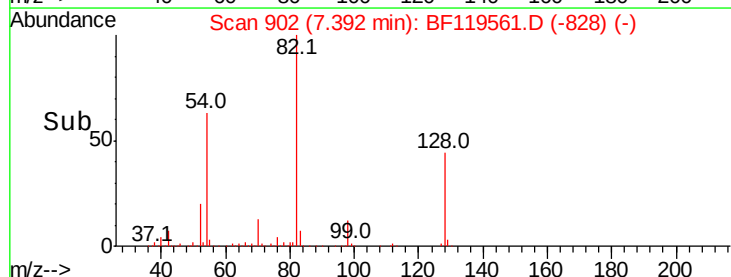


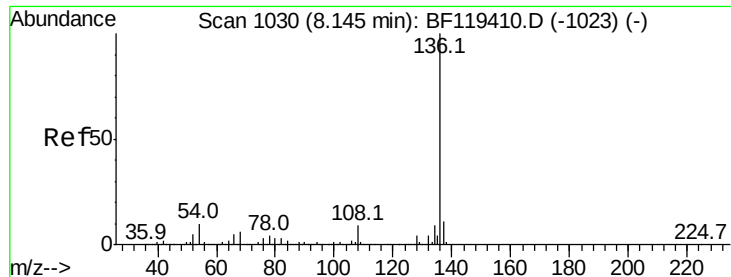
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

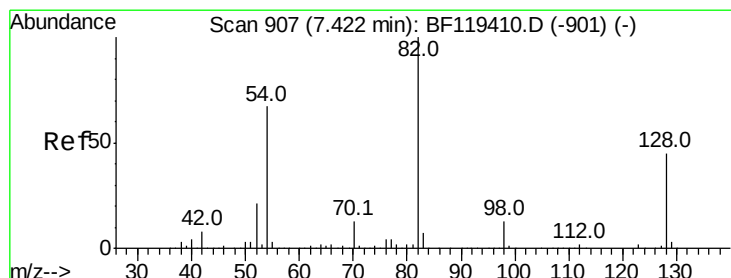
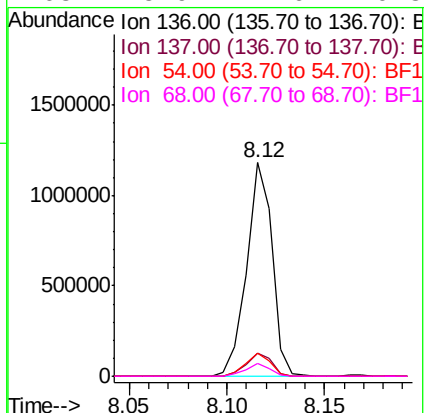
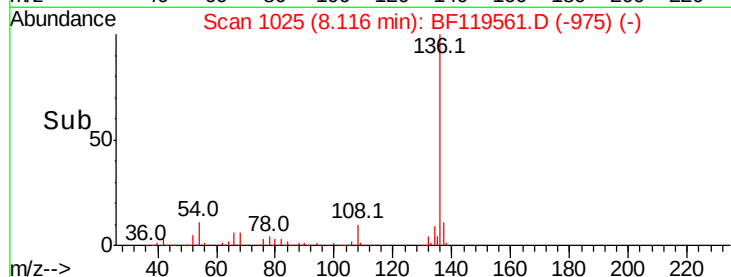
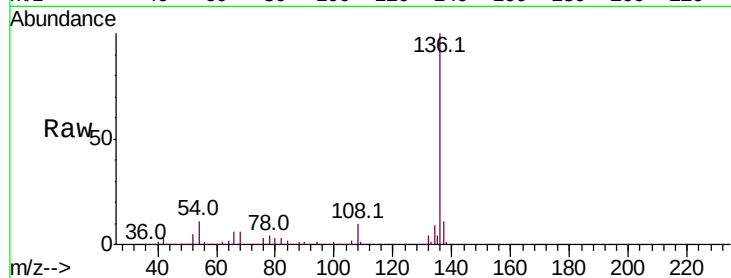




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119561.D
Acq: 27 Mar 2020 11:22

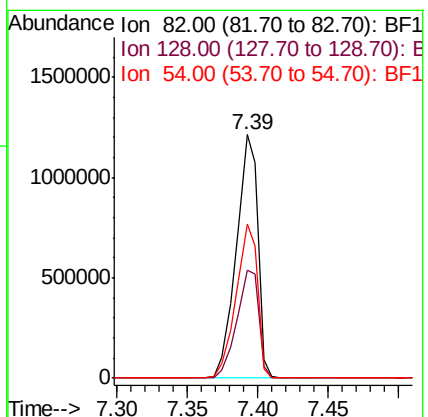
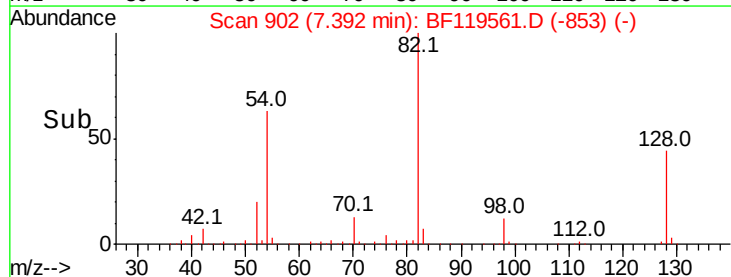
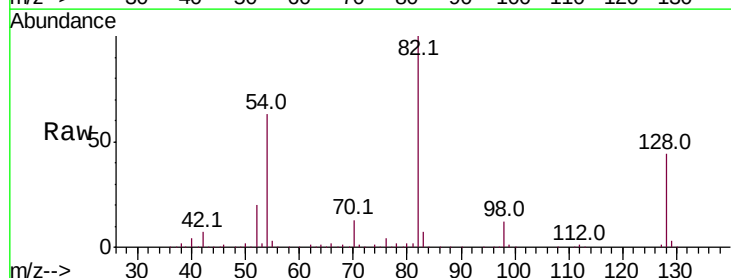
Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-008-ABCD

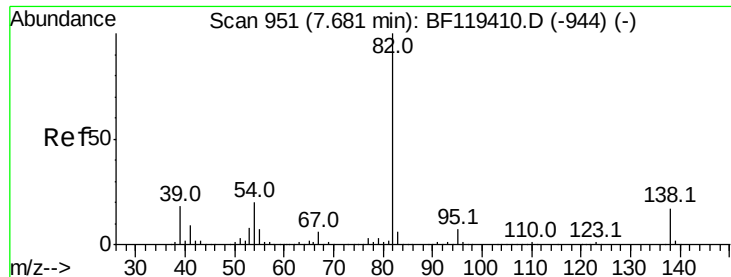
Tot Ion:136 Resp: 1069694
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 11.0 9.1 13.7
68 5.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 65.306 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119561.D
Acq: 27 Mar 2020 11:22

Tgt Ion: 82 Resp: 1285375
Ion Ratio Lower Upper
82 100
128 44.1 36.3 54.5
54 63.5 50.6 75.8





#25

Isophorone

Concen: 32.007 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119561.D

Acq: 27 Mar 2020 11:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-008-ABCD

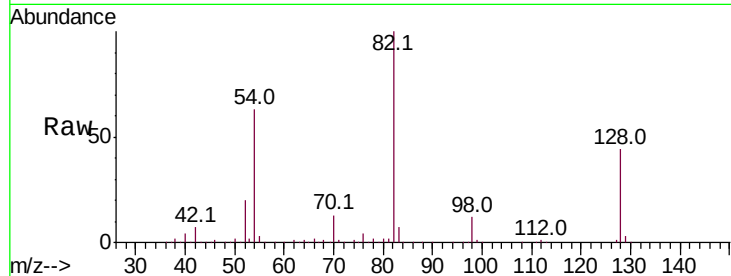
Tot Ion: 82 Resp: 1277928

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

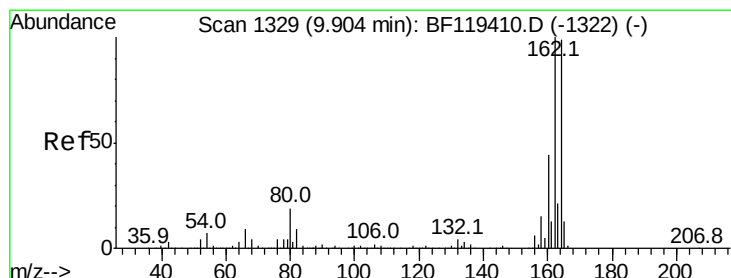
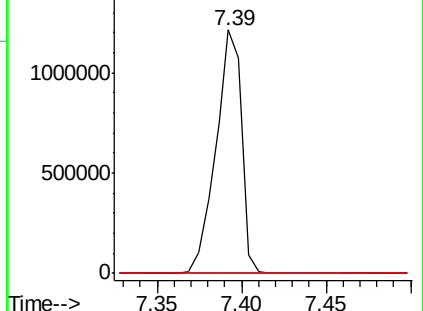
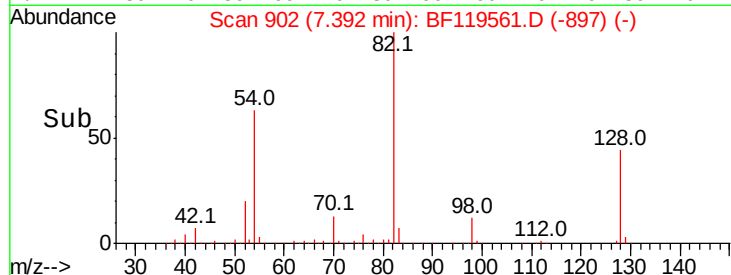
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119561.D

Acq: 27 Mar 2020 11:22

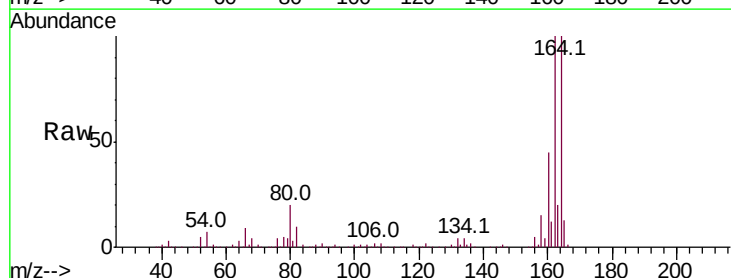
Tgt Ion:164 Resp: 586559

Ion Ratio Lower Upper

164 100

162 100.3 80.6 121.0

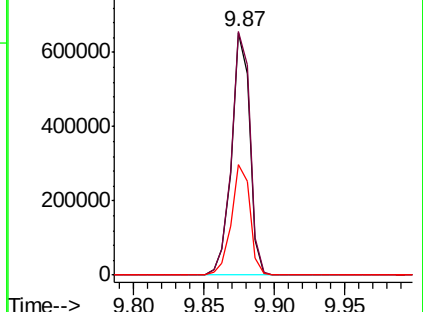
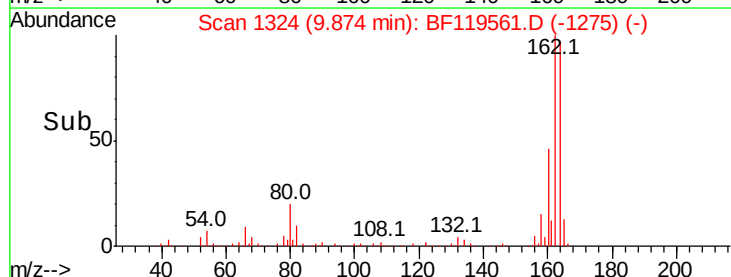
160 45.6 35.7 53.5

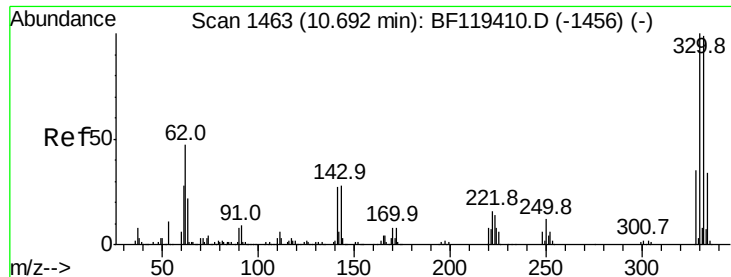


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

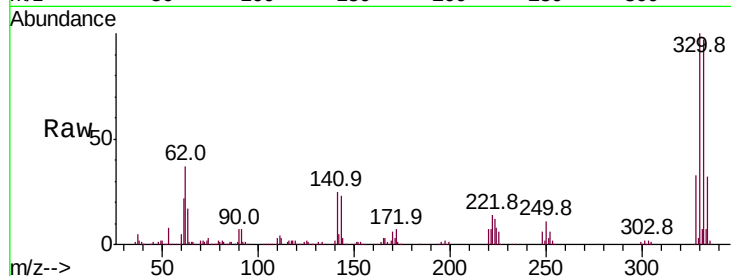




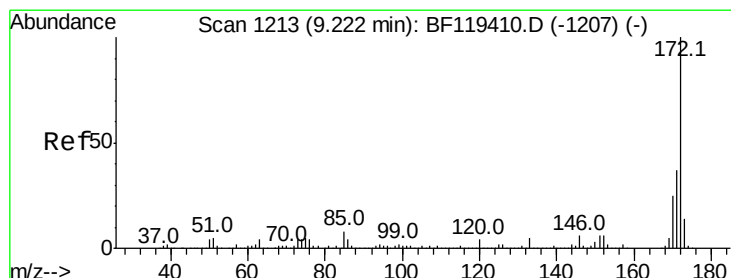
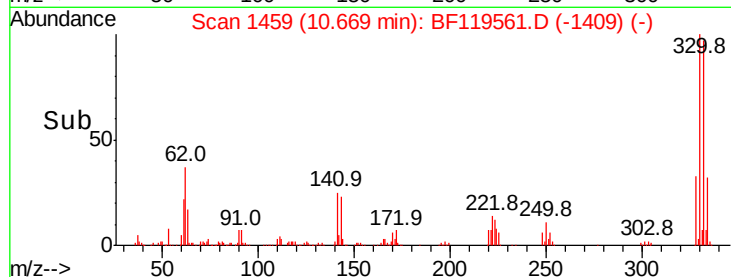
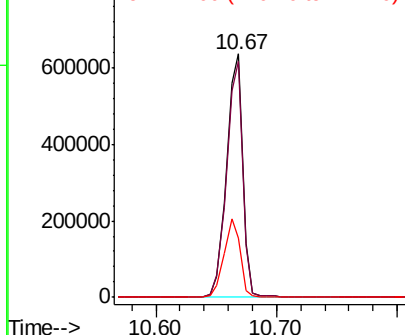
#42
 2,4,6-Tribromophenol
 Concen: 98.033 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119561.D
 Acq: 27 Mar 2020 11:22

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-008-ABCD

Tot Ion:330 Resp: 593228
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.7 113.5
 141 32.0 25.4 38.0

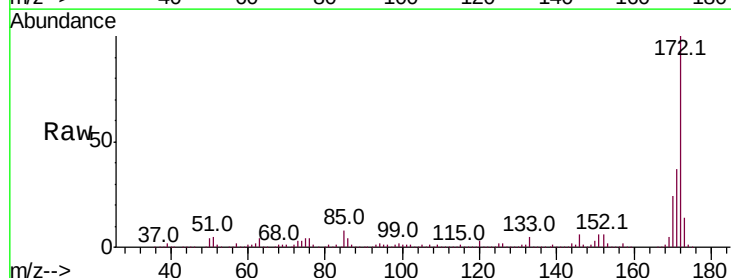


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

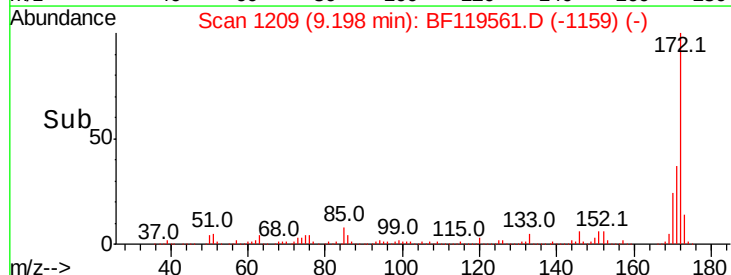
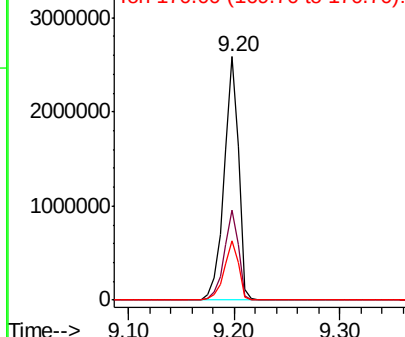


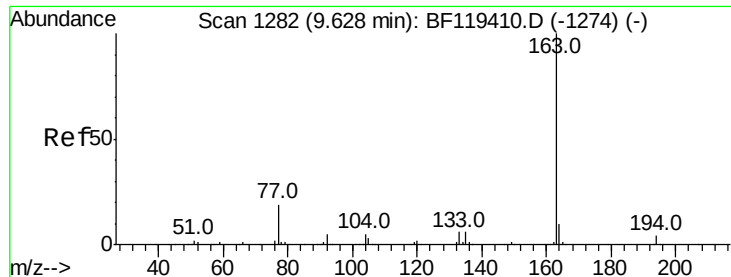
#45
 2-Fluorobiphenyl
 Concen: 62.407 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119561.D
 Acq: 27 Mar 2020 11:22

Tgt Ion:172 Resp: 2470879
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.4 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

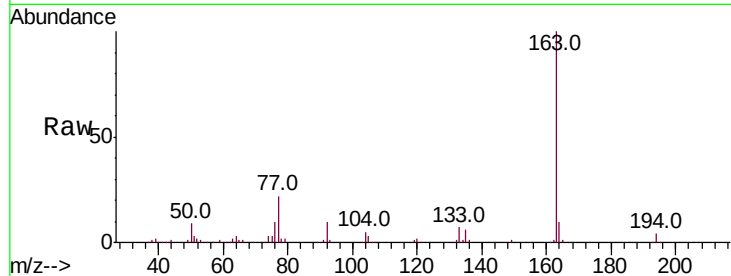




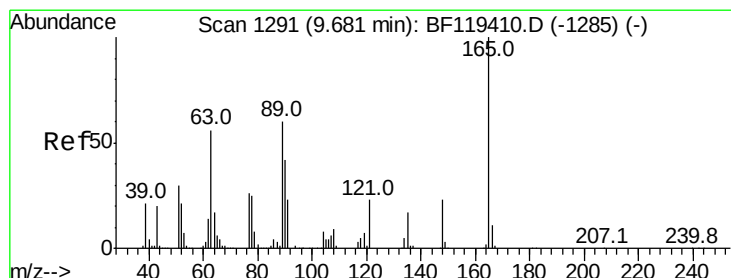
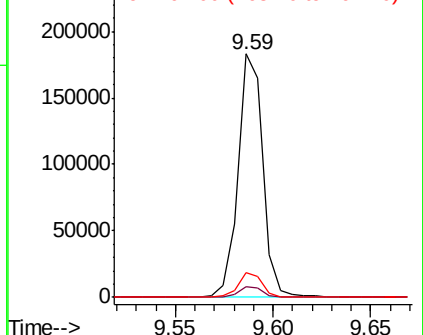
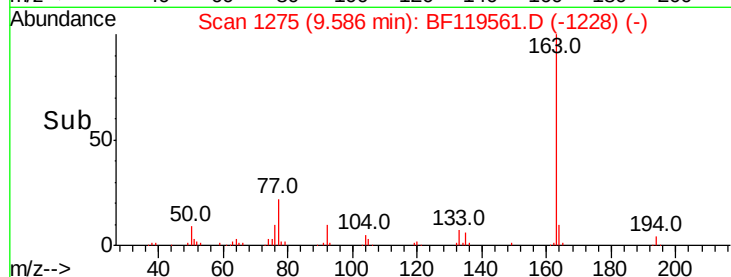
#50
Dimethylphthalate
Concen: 3.863 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF119561.D
Acq: 27 Mar 2020 11:22

Instrument :
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ClientSampleId :
FK-BPM-04-008-ABCD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.9	8.2	12.2

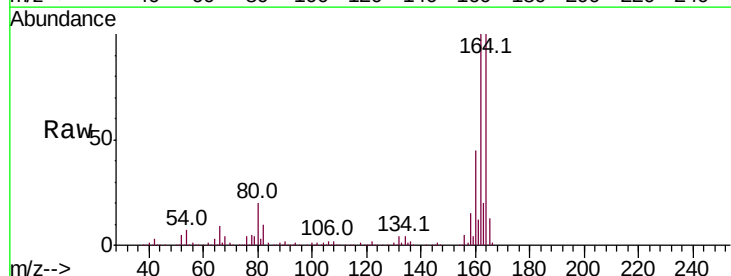


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

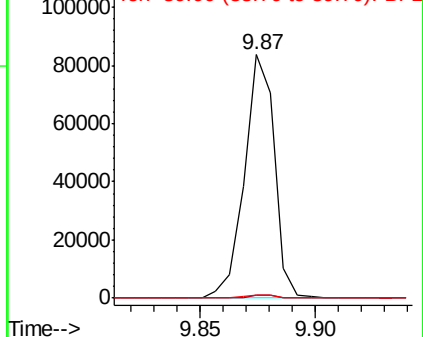
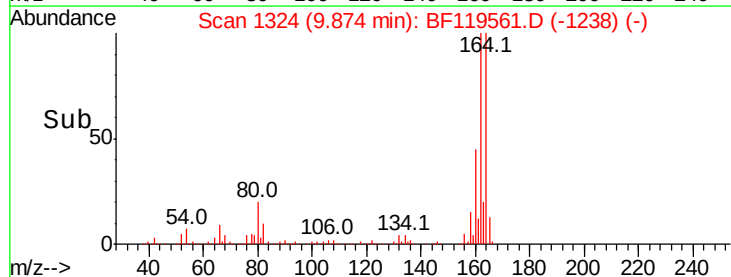


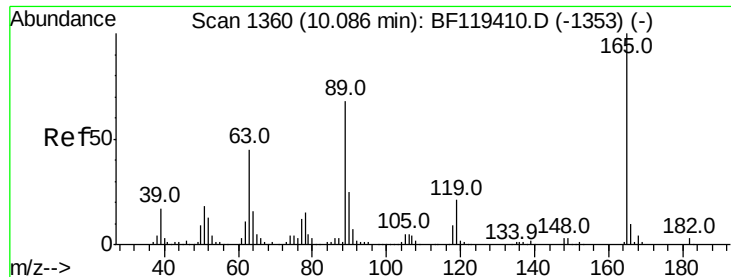
#51
2,6-Dinitrotoluene
Concen: 8.475 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF119561.D
Acq: 27 Mar 2020 11:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	45.0	67.4#
89	1.3	41.5	62.3#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.728 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.19 min

Lab File: BF119561.D

Acq: 27 Mar 2020 11:22

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-008-ABCD

Tot Ion:165 Resp: 75688

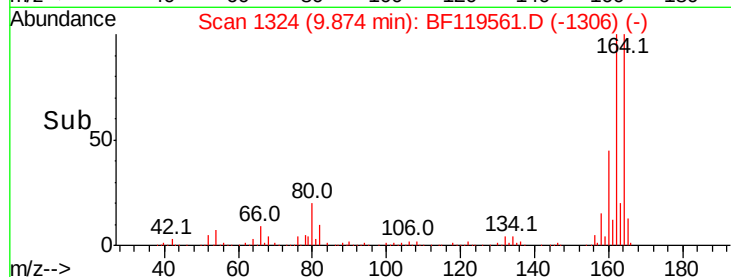
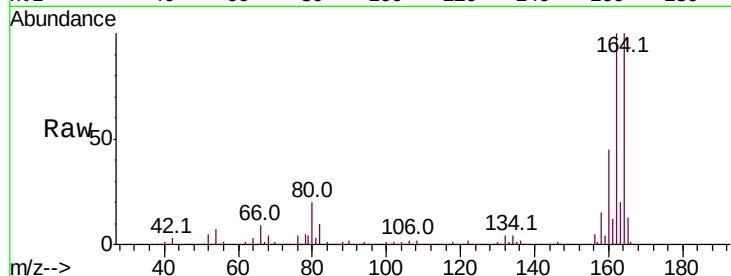
Ion Ratio Lower Upper

165 100

63 1.4 42.6 64.0#

89 1.3 61.0 91.4#

182 0.0 2.2 3.2#

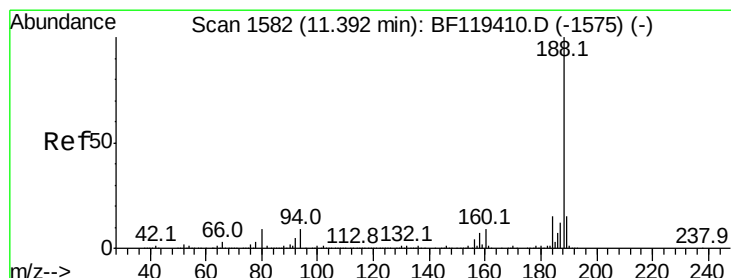
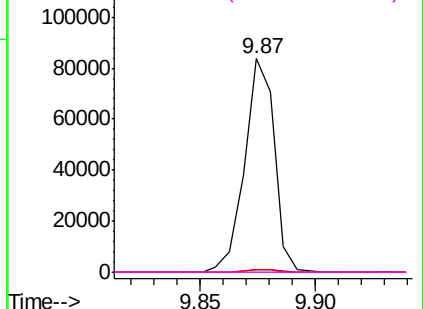


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119561.D

Acq: 27 Mar 2020 11:22

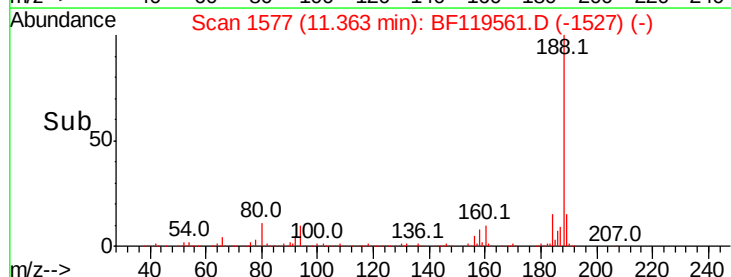
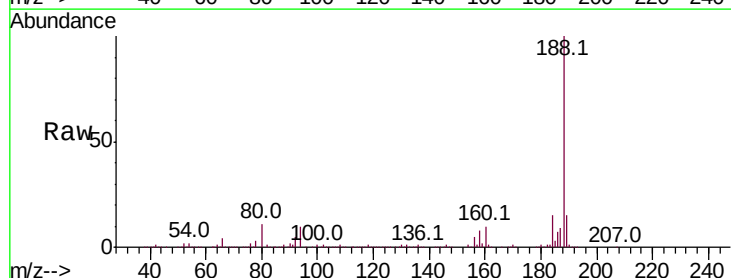
Tgt Ion:188 Resp: 1167629

Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

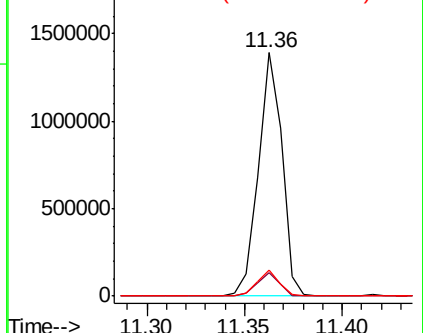
80 10.7 9.0 13.4

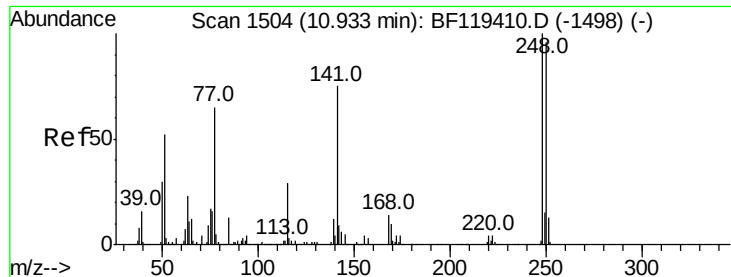


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

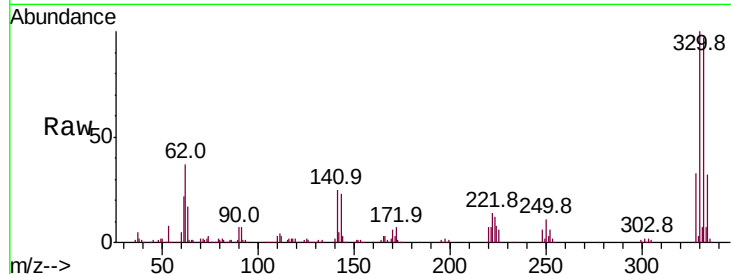




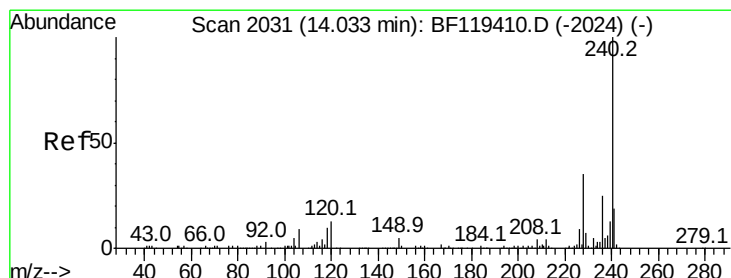
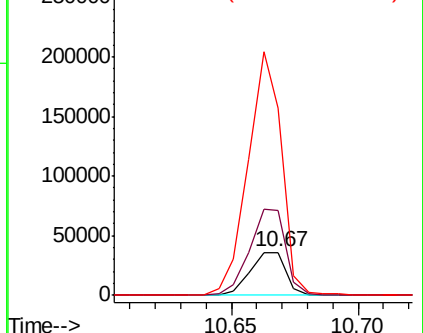
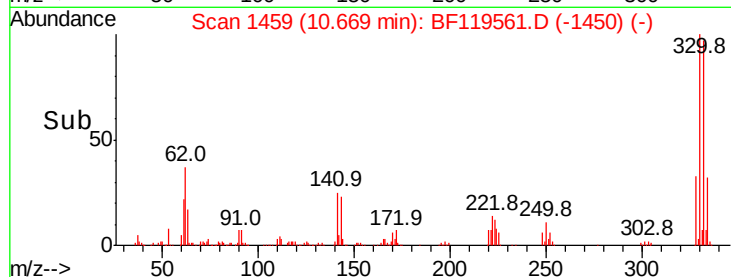
#67
4-Bromophenyl-phenylether
Concen: 2.695 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF119561.D
Acq: 27 Mar 2020 11:22

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-008-ABCD

Tot Ion:248 Resp: 35843
Ion Ratio Lower Upper
248 100
250 196.4 77.3 115.9#
141 431.7 58.6 87.8#

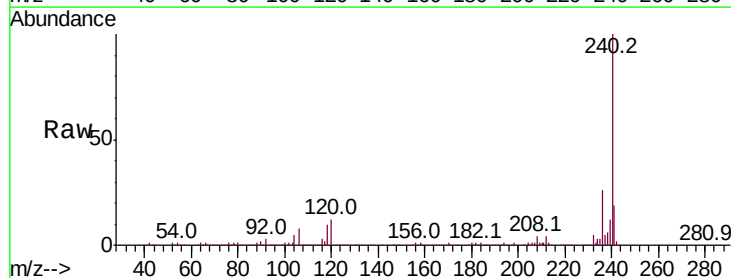


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

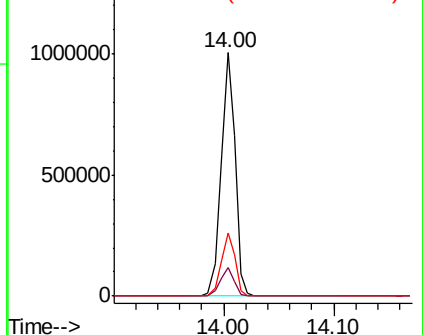
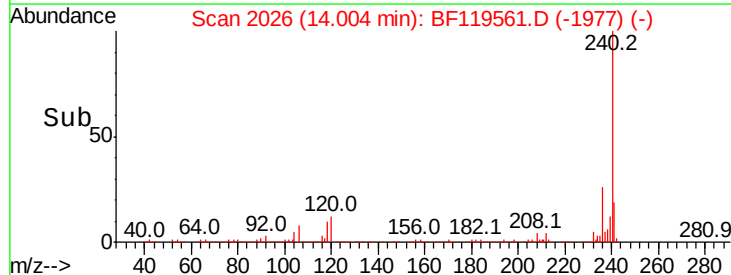


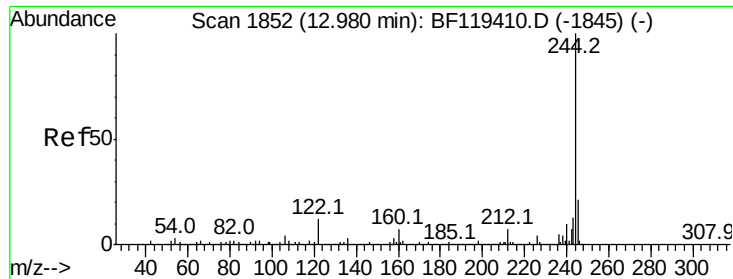
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119561.D
Acq: 27 Mar 2020 11:22

Tgt Ion:240 Resp: 889475
Ion Ratio Lower Upper
240 100
120 11.8 10.6 15.8
236 25.7 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



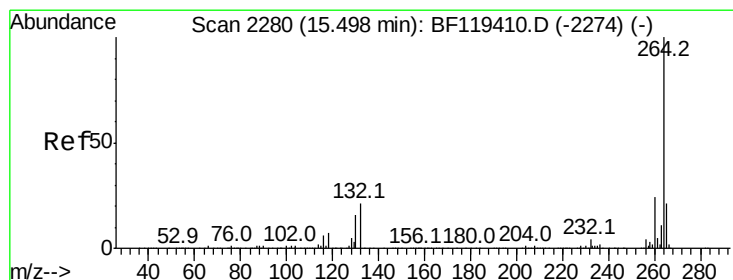
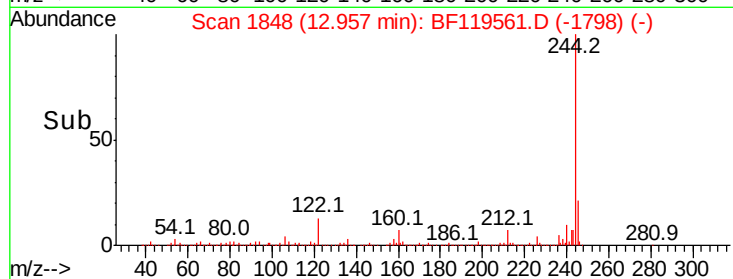
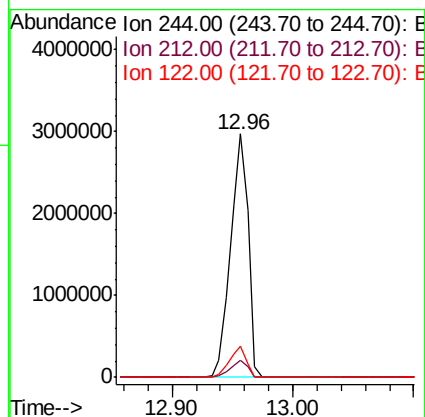
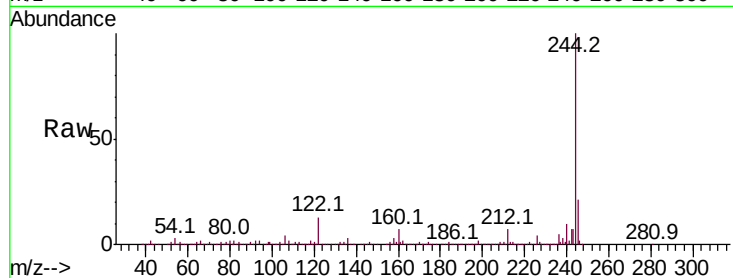


#79
 Terphenyl-d14
 Concen: 66.057 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF119561.D
 Acq: 27 Mar 2020 11:22

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-008-ABCD

Tot Ion:244 Resp: 2998983

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	13.0	10.3	15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF119561.D
 Acq: 27 Mar 2020 11:22

Tgt Ion:264 Resp: 734365

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.0	17.7	26.5

